Event

MPTS AJET
STK 3101
OFT

Mission

STRIKE SIMULATOR

1.1 HOURS/X

ORM

STK 3101

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

STK 3101

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

SSR/DISCUSS ITEMS

STK 3101

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **DISCUSS ITEMS:**
  - **QOD**

SYLLABUS NOTES

STK 3101

- **STK 3101 SHALL BE ENTIRELY FLOWN IN THE 30-DEGREE PATTERN. STUDENT IS REQUIRED TO PRACTICE ABORTING A BOMBING RUN AND DEALING WITH HUD FAILURE.**

ADMIN

STK 3101

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **STK 1105**
- **MISC.**
  - **EVENT DURATION MUST BE AT LEAST 0.75 OF SYLLABUS TIME TO BE COMPLETE (0.8 HRS).**
  - **AN EVENT DURATION THAT DEVIATES GREATER THAN 0.3 HOURS FROM SYLLABUS TIME MUST HAVE THE REASON ANNOTATED ON THE GRADE SHEET.**

STK 3101

RECOMMENDED FLIGHT CONDUCT

- **NO WIND**
- **STUDENT COMM AS #2**

STK 3101

BLOCK MIF

CTS REF	MANEUVER	STK3106
1	General Knowledge/Procedures	4+
2	Emergency Procedures	4+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	4+
6	Communications	4+
7	Ground Operations	4+
8	Flight Admin	3+
9	Tactical Admin	3+
2	Abort Run	4+
2	HUD failure	3+
30 10	Takeoff	4+
49	Mach Run	3+
49	30-Degree Pattern/Bombs	3+
49	20-Degree Pattern/Bombs	3+
49	10-Degree Pattern/Bombs	3+
49	10-Degree Strafe/Recovery	3+
49	30-Degree Rockets	3+
49	30-30 Pop	3+
49	Roll-In	3+
49	Tracking/Dive Angle	3+
49	CCIP Target Tracking	3+
49	Error Corrections	3+
49	Release/Firing Parameters	3+
49	Dive Recovery	3+
50	Off-Target Rendezvous	3+

STANDARD DEBRIEFING FORMAT

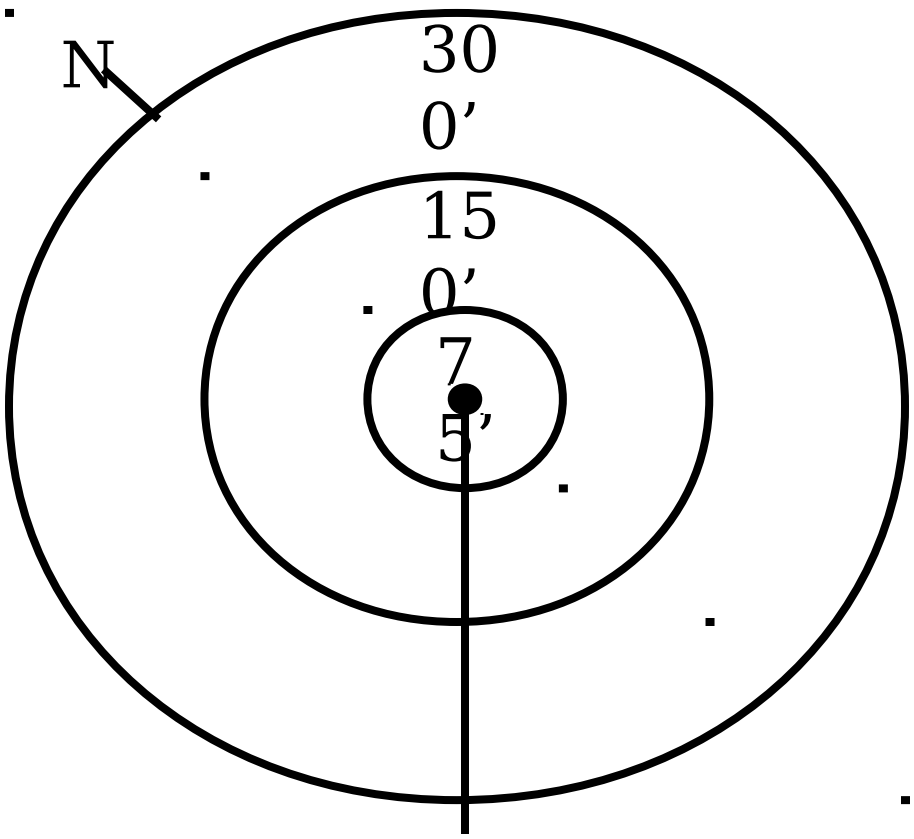
STK 3101

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED

Target Information

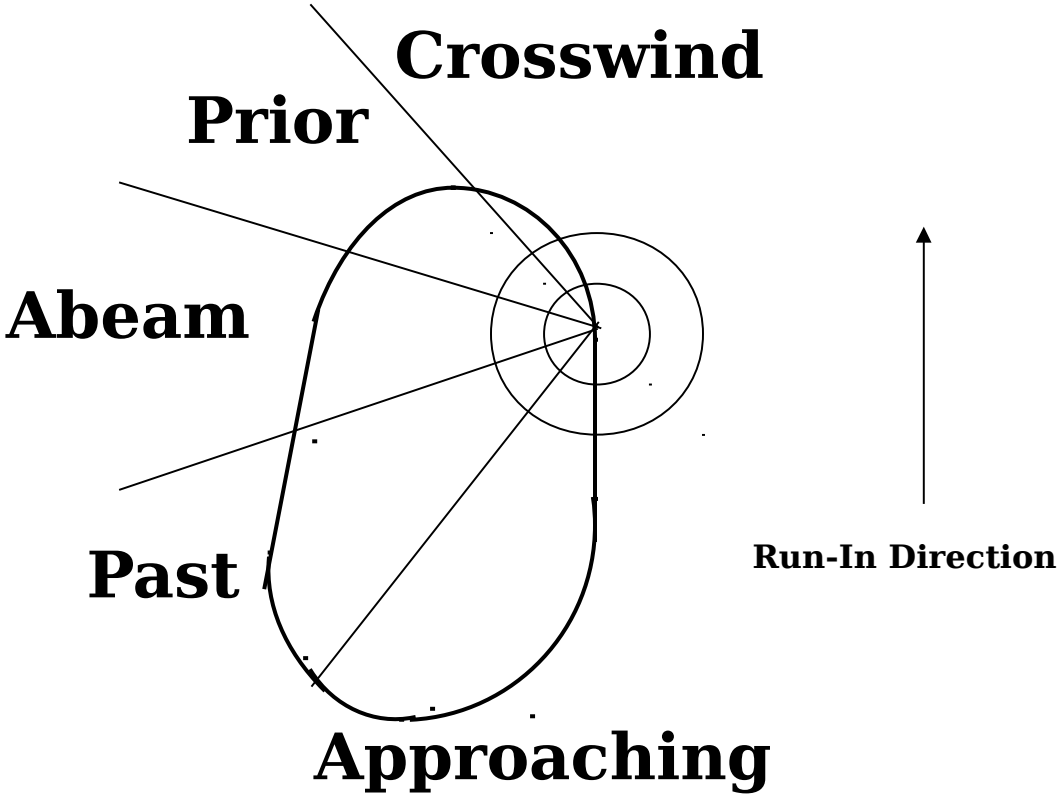
STK 3101



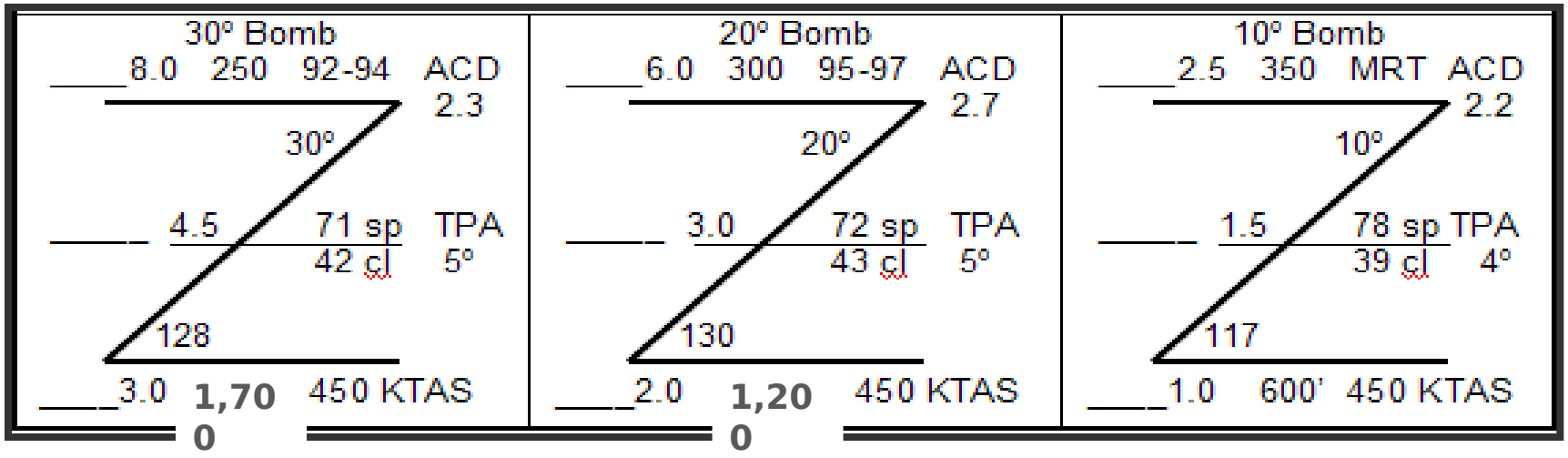
Target Data:

Target: SEARAY
ELEV: 240’
Run-in: 045
Pattern: Left
OTR dir: Left

STK 3101



STK 3101


30° Bomb
8.0 250 92-94 ACD
2.3
30°
4.5 71 sp TPA
42 cl 5°
128
3.0 1,700
450 KTAS
20° Bomb
6.0 300 95-97 ACD
2.7
20°
3.0 72 sp TPA
43 cl 5°
130
2.0 1,200
450 KTAS
10° Bomb
2.5 350 MRT ACD
2.2
10°
1.5 78 sp TPA
39 cl 4°
117
1.0 600' 450 KTAS